

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/041001 A1**

(51) International Patent Classification<sup>7</sup>: **G06F 1/00**

(21) International Application Number:  
PCT/IB2004/052163

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03103902.7 22 October 2003 (22.10.2003) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PRZYBILLA, Henrik**  
[DE/DE]; Triester Strasse 64, A-1101 Vienna (AT).

(74) Agent: **RÖGGLA, Harald**; Philips Intellectual Property  
& Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

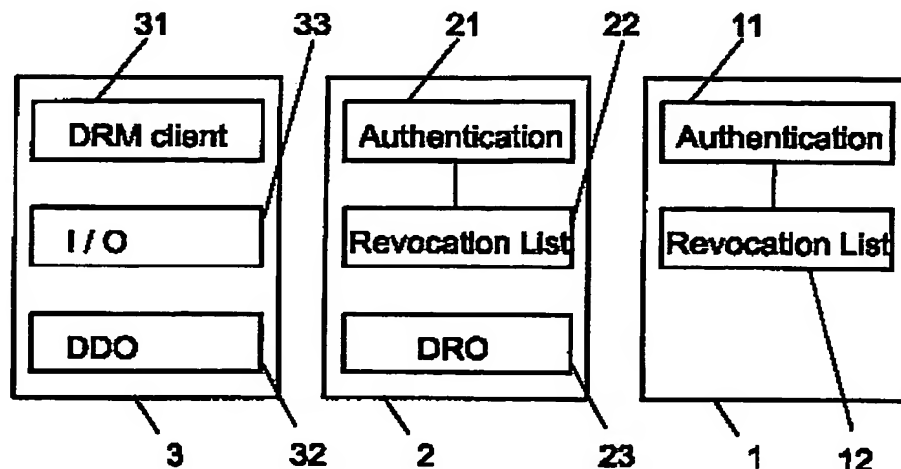
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: **DIGITAL RIGHTS MANAGEMENT UNIT FOR A DIGITAL RIGHTS MANAGEMENT SYSTEM**



(57) Abstract: The present invention relates to a DRM user unit (2) for interacting with DRM client units (3) and DRM server units (1) of a DRM system, said DRM client units (3) storing digital data objects (DDO) and said DRM server units (1) issuing digital rights objects (DRO) representing usage rights of associated digital data objects, said DRM user unit (2) comprising an authentication unit (21) and a rights storage unit (22) for the storage of said digital rights objects. According to the invention the authentication of a DRM client (31) is relocated to the DRM user unit (2) that is possessed by an end user. This has the advantage that now a digital rights objects is a personal license that can be used with more than one playback device / playback system while guaranteeing that no illegal copies in any form can be made of the purchased content. A service provider may now implement his own specific software routines in the DRM user unit (2) to authenticate the DRM client (31) running on the DRM client unit (3) of the user.

WO 2005/041001 A1



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*